

Product Data Sheet

Product Name: Pelubiprofen

Cat. No.: GC70553

Chemical Properties

Cas. No. 69956-77-0

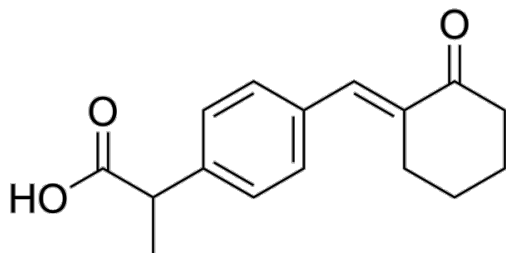
Formula $C_{16}H_{18}O_3$ M.Wt 258.31

Solubility DMSO : 100 mg/mL (387.13 mM; Storage -20°C
Need ultrasonic; Hygroscopic DMSO
has a significant impact on the
solubility of product, please use
newly opened DMSO)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Pelubiprofen, an orally active and non-steroidal anti-inflammatory drug, is a member of the 2-arylpropionic acid family and has relatively selective effects on COX-2 activity. Pelubiprofen inhibits COX activity and the transforming growth factor- β activated kinase 1-I κ B kinase β -NF- κ B pathway, and has significant anti-inflammatory and analgesic effects.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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References:

[1]. Choi IA, Baek HJ, et al. Comparison of the efficacy and safety profiles of a pelubiprofen versus celecoxib in patients with rheumatoid arthritis: a 6-week, multicenter, randomized, double-blind, phase III, non-inferiority clinical trial. BMC Musculoskelet Disord. 2014 Nov 18;15:375.

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